



**psb**  
SPEAKERS

Imagine





# Imagine

**Imagination** is a good beginning—a *great* beginning. However, it takes so much more. It takes expertise, experience, a unique combination of listening skills and listening discipline. It also takes the courage and conviction to design what's best, rather than merely to follow fashion trends or high-tech "breakthroughs." Only then can *imagination* become reality: the PSB **Imagine** loudspeakers.

Of course, it helps that **PSB Speakers** has been doing this for a long time — over thirty five years. Founder Paul Barton and the **PSB** team are well known around the world for fundamental loudspeaker research, studies of acoustics, and investigations of listener-perception. The resulting generations of highly rational yet elegantly sensual loudspeakers have set the standard for high-performance value.

Quite simply, this is what PSB does best: produce the most natural, dynamic, and accurate sound at the lowest possible cost. Often, surprisingly low. Take the flagship PSB Synchrony line which has garnered all but universal acclaim. Though far from inexpensive, Synchrony has time and again been compared to speakers costing two, three, even five times as much, by the globe's most demanding and experienced audio critics.

PSB has taken the hard-won knowledge and technical accomplishments it achieved in that rigorous and costly three-year development process to create four models of refreshingly affordable speakers that reach remarkable heights of performance.

Imagine T Tower



**Left to right:** Imagine Tower, Imagine Surround, Imagine Bookshelf and Imagine Center Channel.

Now we invite you to use your imagination.

**Imagine** a new method of cabinet construction combining the precision of computer-controlled machining with the irreplaceable touch of hand craftsmanship.

**Imagine** seamless, unbroken surfaces making beautiful forms, compound-curved on every vertical face and heavily internally braced, yielding supremely solid, acoustically inert enclosures.

**Imagine** an all-new family of purpose-designed drivers resulting in clear midrange presence, uncluttered bass, extended smooth highs, and high power handling.

**Imagine** "cathedral" matched wood veneers and timbre-matched designs to ensure the best in looks and sonics.

**Imagine** a tower and center channel that enables a modest degree of system tuning to accommodate individual room acoustics, speaker set up, or listener preference.

**Imagine** PSB's relentless attention to the hundreds of small details necessary to make music and movies truly come alive.

Make imagination reality. Let your ears experience PSB **Imagine**.



Imagine B Bookshelf



PSB Imagine C Center Channel and Imagine S Surround Speaker. Below, Imagine B Bookshelf rear view.

### Technical Highlights

- Innovative 7-layer laminated construction yields impressively solid, acoustically inert Imagine enclosures. The result: dramatically clean, "fast" bass and uncolored midrange—and visually elegant curved forms.
- Proprietary titanium-dome tweeter's light yet stiff diaphragm and "over-hung" voice-coil, with a computer-optimized magnetic circuit for singularly smooth, extended response that remains distortion-free even at very high acoustic levels.
- Unique woofer design combines serious low-frequency power with exceptional midrange accuracy. Proprietary ceramic-filled polypropylene cones, a uniquely aerodynamic molded basket, and a specialized, distortion-reducing magnetic design are just three of their secrets.
- Smoothly radiused, unblemished front surfaces are more than merely beautiful: they virtually eliminate mid-and high-frequency diffractions, maximizing transient realism and treble "air."
- Heavy gold-plated quad terminals ensure full signal transfer and can be bi-wired and bi-amped. (Except Imagine S, whose separately addressable inputs permit discrete-channel rear/side surround connections to each speaker.)

	Imagine T Tower	Imagine B Bookshelf	Imagine C Center	Imagine S Surround
<b>Frequency Range</b>				
Response				
On Axis @ 0±3dB	38-23,000Hz	52-23,000Hz	47-23,000Hz	65-23,000Hz
On Axis @ 0±1 1/2dB	42-20,000Hz	55-20,000Hz	45-20,000Hz	68-20,000Hz
Off Axis @ 30± 1 1/2dB	42-10,000Hz	55-10,000Hz	45-10,000Hz	68-10,000Hz
LF Cutoff -10dB	35Hz	48Hz	40Hz	58Hz
<b>Sensitivity</b>				
Anechoic Chamber	88dB	87dB	87dB	87dB
Listening Room	90dB	89dB	89dB	89dB
<b>Impedance</b>				
Nominal	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Minimum	4 Ohms	4 Ohms	4 Ohms	4 Ohms Bipole/Dipole (8 Ohm - 2 Channel Mode)
<b>Input Power</b>				
Recommended	20 - 200 Watts	20 - 150 Watts	20 - 150 Watts	20 - 150 Watts
Program	200 Watts	150 Watts	150 Watts	150 Watts
<b>Acoustic Design</b>				
Tweeter (Nominal)	1" (25mm) Titanium Dome with Ferrofluid	1" (25mm) Titanium Dome with Ferrofluid	1" (25mm) Titanium Dome with Ferrofluid	2 x 1" (25mm) Titanium Dome with Ferrofluid
Woofer (Nominal)	2 x 5 1/4" (135mm) Polypropylene Cone, Rubber Surround	5-1/4" (135mm) Polypropylene Cone, Rubber Surround	2 x 5-1/4" (135mm) Polypropylene Cone, Rubber Surround	2 x 5-1/4" (135mm) Polypropylene Cone, Rubber Surround
Crossover	1,800Hz, LR4, 800Hz	1,800Hz, LR4	1,800Hz, LR4	2,000Hz, B3
Internal Volume	10 cu ft (29 liter)	0.27 cu ft (7.7 liter)	0.54 cu ft (15.4 liter)	0.22 cu ft (6.2 liter)
Design Type	Dual Port Bass Reflex	Bass Reflex	Bass Reflex	Acoustic Suspension
<b>Size (W x H x D)</b>				
	8-1/4 x 37-3/16 x 13-5/8" 210 x 945 x 346mm	7-1/2 x 13 x 12" 191 x 330 x 305mm	20-1/2 x 7-1/2 x 13-5/8" 521 x 191 x 346mm	10-3/4 x 12-5/8 x 6-7/8" 273 x 321 x 175mm
<b>Weight</b>				
Net	40.6 lb (18.5kg)/each	17.2 lb (7.8kg)/each	26.8 lb (12.2kg)/each	16.3 lb (7.4kg)/each
Shipping	52 lb (23.6kg)/each	38 lb (17.3kg)/pair	30.5 lb (13.9kg)/pair	37 lb (16.8kg)/pair
<b>Finish</b>				
	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer



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